



455 Capitol Mall Suite 350  
Sacramento CA 95814  
Tel • 916.441.6575  
Fax • 916.441.6553



April 16, 2013

California Energy Commission  
Dockets Unit  
1516 Ninth Street  
Sacramento, CA 95814-5512

**Subject: PALEN SOLAR ELECTRIC GENERATING SYSTEM REVISED TOWER  
VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS  
PALEN SOLAR ELECTRIC GENERATING SYSTEM  
DOCKET NO. (09-AFC-7C)**

Enclosed for filing with the California Energy Commission is the electronic version of **PALEN SOLAR ELECTRIC GENERATING SYSTEM REVISED TOWER VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS**, for the Palen Solar Electric Generating System (09-AFC-7C).

Sincerely,

A handwritten signature in blue ink, appearing to read "Marie Fleming".

Marie Fleming



Palen Solar Electric  
Generation Station  
(PSEGS)

Viewshed Delineation for  
Power Towers

Legend

- PSEGS Site Boundary
- PSEGS Power Towers
- 30-Mile Visual Impact Threshold Distance

PSEGS Power Towers Viewshed Delineation

- Visible  
(26.66% of 30-mile Threshold Impacted)
- Not Visible

Specifications:  
Viewsheds produced using 30-meter DEM.  
Source: USGS National Elevation Dataset  
Tower height: 759 feet  
Viewer height: 6 feet

- Joshua Tree National Park
- BLM ACEC
- BLM Wilderness
- Bradshaw Trail

SR: Sensitive Receptor

Sensitive Receptors (SR) - SRs are areas or vantage points within the PSEGS Visual Impact Threshold Distance (30 miles radius) with the potential to experience what could be perceived as visual intrusion from the proposed project. These points and others have been vetted through existing literature review, desktop research, and professional experience. Data sources for this research include: extensive GIS viewshed delineations for the major project components, and management designers mapping exercises, BLM VRM classifications, NPS expectations, BLM, CEC, and NPS web sites, Google Earth Pro reconnaissance, aerial photography, USGS maps, and other data sources.

After the primary research (field work) has been completed the most pertinent SR points will be evaluated/analyzed for their potential as actual KOPs. The resultant SR points will be quantitatively evaluated to identify the most visually sensitive, based on a multi-criteria decision analysis matrix. The highest scoring SRs will be elevated to KOP status, and will be used for visual simulation and visual analysis.

3DSCAPE



1:136,000  
0 10 Km  
0 1 2 3 4 5 Miles





**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT  
COMMISSION OF THE STATE OF CALIFORNIA  
1516 NINTH STREET, SACRAMENTO, CA 95814  
1-800-822-6228 – WWW.ENERGY.CA.GOV**

**AMENDMENT**

**FOR THE PALEN SOLAR ELECTRIC  
GENERATING SYSTEM**

**Docket No. 09-AFC-7C**

**PROOF OF SERVICE  
(Revised 3/26/13)**

**SERVICE LIST:**

**APPLICANT**

Palen Solar Holdings, LLC  
Clay Jensen  
410 South Rampart Blvd., Suite 390  
Las Vegas, NV 89145  
cjensen@brightsourceenergy.com

Palen Solar Holdings, LLC  
Charlie Turlinski  
1999 Harrison Street, Suite 2150  
Oakland, CA 94612  
cturlinski@brightsourceenergy.com

**APPLICANT'S CONSULTANT**

Centerline  
Andrea Grenier  
1420 E. Roseville Parkway  
Suite 140-377  
Roseville, CA 95661  
andrea@agrenier.com

**APPLICANT'S COUNSEL**

Scott Galati, Esq.  
Marie Fleming  
Galati/Blek, LLP  
455 Capitol Mall, Suite 350  
Sacramento, CA 95814  
sgalati@gb-llp.com  
mfleming@gb-llp.com

**INTERESTED AGENCY**

California ISO  
e-recipient@caiso.com  
  
County of Riverside  
Office of Riverside County Counsel  
Tiffany North  
3960 Orange Street, Suite 500  
Riverside, CA 92501  
tnorth@co.riverside.ca.us

**INTERVENORS**

Center for Biological Diversity  
Lisa T. Belenky, Senior Attorney  
351 California St., Suite 600  
San Francisco, CA 94104  
lbelenky@biologicaldiversity.org

Center for Biological Diversity  
Ileene Anderson  
Public Lands Desert Director  
PMB 447, 8033 Sunset Boulevard  
Los Angeles, CA 90046  
ianderson@biologicaldiversity.org

Basin and Range Watch  
Kevin Emmerich  
Laura Cunningham  
P.O. Box 153  
Baker, CA 92309  
atomictoadbranch@netzero.net  
bluerockiguana@hughes.net

Californians for Renewable Energy  
Alfredo Acosta Figueroa  
424 North Carlton Avenue  
Blythe, CA 92225  
lacunadeaztlan@aol.com

California Unions for Reliable Energy  
Tanya A. Gulesserian  
Elizabeth Klebaner  
Adams Broadwell Joseph & Cardoza  
601 Gateway Boulevard, Suite 1000  
South San Francisco, CA 94080  
tgulesserian@adamsbroadwell.com  
eklebaner@adamsbroadwell.com

**INTERVENORS (Cont'd.)**

\*Hildeberto Sanchez, Eddie Simmons,  
and Laborers' International Union of  
North America, Local Union No. 1184  
c/o Richard T. Drury  
Christina M. Caro  
Lozeau|Drury LLP  
410 12th Street, Suite 250  
Oakland, CA 94607  
richard@lozeaudrury.com  
christina@lozeaudrury.com

**ENERGY COMMISSION STAFF**

Christine Stora  
Project Manager  
christine.stora@energy.ca.gov  
  
Jennifer Martin-Gallardo  
Staff Counsel  
jennifer.martin-gallardo@energy.ca.gov

**ENERGY COMMISSION –  
PUBLIC ADVISER**

Blake Roberts  
Assistant Public Adviser  
publicadviser@energy.ca.gov

**COMMISSION DOCKET UNIT**

California Energy Commission  
Docket Unit  
Attn: Docket No. 09-AFC-07C  
1516 Ninth Street, MS-4  
Sacramento, CA 95814-5512  
docket@energy.ca.gov

**OTHER ENERGY COMMISSION  
PARTICIPANTS (LISTED FOR  
CONVENIENCE ONLY):**

***After docketing, the Docket Unit  
will provide a copy to the persons  
listed below. Do not send copies of  
documents to these persons  
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KAREN DOUGLAS  
Commissioner and Presiding Member

David Hochschild  
Commissioner and Associate Member

Raoul Renaud  
Hearing Adviser

Galen Lemei  
Adviser to Presiding Member

Jennifer Nelson  
Adviser to Presiding Member

Jim Bartridge  
Adviser to Associate Member

Kelly Foley  
Adviser to Associate Member

Eileen Allen  
Commissioners' Technical  
Adviser for Facility Siting

### DECLARATION OF SERVICE

I, Marie Fleming, declare that on April 16, 2013, I served and filed copies of the attached, **PALEN SOLAR ELECTRIC GENERATING SYSTEM REVISED TOWER VIEWSHED DELINEATION –POTENTIAL SENSITIVE RECEPTORS** dated April 16, 2013. This document is accompanied by the most recent Proof of Service, which I copied from the web page for this project at: <http://www.energy.ca.gov/sitingcases/palen/compliance/>.

The document has been sent to the other parties in this proceeding (as shown on the Proof of Service) and to the Commission's Docket Unit, as appropriate, in the following manner:

**(Check one)**

**For service to all other parties and filing with the Docket Unit at the Energy Commission:**

☐ I e-mailed the document to all e-mail addresses on the Service List above and personally delivered it or deposited it in the US mail with first class postage to those parties noted above as "hard copy required"; **OR**

☒ Instead of e-mailing the document, I personally delivered it or deposited it in the US mail with first class postage to all of the persons on the Service List for whom a mailing address is given.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am over the age of 18 years.

Dated: April 16, 2013



\_\_\_\_\_  
Marie Fleming